

## Battery-Charger and Trickle-Charger UL30

- 24 V / 8 A -

### Product Description

The UL30 is our integrated battery-charger and trickle-charger for a wide range of vehicle applications, particularly for vehicles with a negative energy balance.

### Functions of the UL30:

- **Charging**
- **Trickle-Charging**



Latest microprocessor technique is responsible for charging the battery according to UIUa-curve. This is recommended by the leading battery producers and guarantees the maximum lifespan for the battery. Long-term experience in charging and trickle-charging of large vehicle fleets, partly with stored vehicles, is consistently implemented in this device. Deep discharged batteries will be charged up to the highest possible capacity and kept at this level. In case of success charging start at a remaining voltage. Batteries with failures are automatically detected.

The battery-charger and trickle-charger UL30 was originally developed to comply with MTV 6130-008. Multi-coloured LEDs show the operating status. The charging curve is temperature and cable length compensated. The fan-less sturdy device is placed in a dust-tight and water-jet proof aluminium housing IP65. The charging cable is connected by VG connector 7-pole, 16S. Appropriate charging cables are the cable series 032 and 033.

### Technical Data

Product name:	UL30 Battery-Charger and Trickle-Charger	
Part number:	UL30.142 100-003	
NSN:	6130-41-001-8481	
ÖBH Vers. Nr.:	6130-0-000-0413	
Mains voltage:	230V $\pm$ 10% / 45-65Hz	
Input power:	< 330VA (max.)	
Output voltage:	max. 35VDC $\pm$ 1%	(device limit)
Output voltage pre-charging:	28.8VDC $\pm$ 1%	(constant voltage at 20°C)
Output current main charge:	8A $\pm$ 5%	(constant current)
Output voltage main charge:	28.8VDC $\pm$ 1%	(constant voltage at 20°C) output voltage depending on temperature between 26.5V and 31.0V
Output current trickle-charging:	1A $\pm$ 5%	(constant current)
Indication LEDs:	3 LEDs for charge level indication	
Protection:	IP65	
Ambient temperature:	-30 to +55°C	
Storage temperature:	-40 to +85°C	
Humidity:	< 95% at T <sub>U</sub> =55°C	
Dimensions (H x W x D in mm):	280 x 160 x 115	
Weight:	3.6kg (without charging cable)	
Conformity declaration:	CE conformitv	



Transportation frame (optional accessories)  
TKZ: EL11.9440 000 267

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